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GigaX2124X

Layer 2 Gigabit Managed Switch for Small or Medium Sized Businesses.

Port Attributes	**24 RJ-45 for 10/100/1000BaseT Port** Auto MDI/MDIXn Auto-negotiation: Speed, duplex mode, flow control **4 SFP slots for 1000SX or 1000LX transceiver** Auto-disabling 1000BaseT Port when link of fiber is on.
Physical Specification	Dimension 44mm(H)x442mm(W)x325mm(D) Net weight 3.5kg
Standard Compliance	**VLANn** 802.1Q tagging-based Up to 256 entries **Class of Service** 802.1p tagging Four priority queues per port **IP Multicast Support** IGMP snooping(v1/v2) Up to 320 Multicast groups **Spanning Tree, 802.1D** Port based **802.1w RSTP** **802.3ad Link Aggregation** manual LACP Support for 7 trunk groups, each with eight port members. **802.3x flow control** **Automatic and Controlled Address Learning** **Automatic and Triggered Address Aging** **Port Mirroring** **Broadcast Storming Control** **Statistics charts in WEB** **802.1x port-based network access control** local authentication server(MD5,TLS only) remote authentication through RADIUS Server Dynamic VLAN assignment **SSH** **Syslog**
Network Management	**Web-based** **CLI (Console/Telnet)** **Firmware upgrade and configuration backup/restore by FTP** **Firmware upgrade and configuration factory default restore through Web access** **SNMPv1,v2, v3** **MIBs** MIB-II Ethernet MIB

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	Bridge MIB Private MIB (Temperature, Fan Speed, and Voltages) VACM Group VACM Access VACM View USM User SNMP Engine USMStat SNMPMPDState **RMON groups (1,2,3,9)** Stats History Alarms Events
Performance	Max. MAC Address: 4000 Switching Capacity: 48 Forwarding Rate: 37.2 Mpps
LED	System Fan RPS Port
Power Supply	AC, 100~240VAC, 50/60HZ
Power Consumption	50W maximum
Environmental Specification	**Operating Temperature:** 0°C to 40°C **Non-operating Temperature:** -25°C to 70°C **Operating Humidity:** 5% to 95% (Non-condensing) **Vibration:** IEC 68-2-36l **Shock:** IEC 68-2-29l **Drop:** IEC 68-2-32
Safety	UL1950 TUV
EMC	FCC Part 15, Class A CE Mark
Features	**Virtual Cable Tester (VCT)** **Virtual Cable Tester (VCT) function in GE PHY to detect cable being functional.** **Executed through web interface**

The GigaX2124X is a High Performance Managed Gigabit Layer 2 Switch for your network backbone. The GigaX2124X ensures the best Gigabit performance for your Enterprise Network with enhanced CoS and QoS prioritization. The many features of the GigaX2124X provide your network with unparalleled security, reliability and expansion.

Benefits and Advantages:

- Wire-speed Gigabit architecture
- Line rate forwarding
- Support Jumbo Frame length of up to 10K packets
- 802.1X security with RADIUS authentication
- 4 priority queues per port
- IGMP Snooping
- Network Management Interface: CLI, Telnet, SNMP, RMON, and Web-based GUI
- Support for RPS (Redundant Power Supply)
- Swappable fan module
- Virtual Cable Tester (VCT) detect cable integrity

- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- PCB color and bundled software versions are subject to change without notice.
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